

University of INSA Lyon



IST-4-DBM1
Telecommunications Department
Databases Part 1

Group Project:
Video Game Market

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Example report
<https://www.scribd.com/document/227783173/Database-Project-Report>
Dataset
<https://www.kaggle.com/datasets/gregorut/videogamesales>

SQL Query Questions

SQL Queries for Database

Questions






- How many games were released in 2016?
- Group the Games from Highest Selling
- What region accounts for the majority of sales?
- List the games released by Activision
- List the games released for the Wii Platform
- Find the average number of sales of games released in North America
- List all the games that sold more than 10 million copies

Answers in PostGre

Q1 ANS

	count bigint 
1	344

Q2 ANS

	game_name character varying (200) 	platform_name character varying (200) 	release_year integer 	publisher_name character varying (200) 	global_sales numeric 
1	Wii Sports	Wii	2006	Nintendo	82.74
2	Super Mario Bros.	NES	1985	Nintendo	40.24
3	Mario Kart Wii	Wii	2008	Nintendo	35.83
4	Wii Sports Resort	Wii	2009	Nintendo	33.00
5	Pokemon Red/Pokemo...	GB	1996	Nintendo	31.38
6	Tetris	GB	1989	Nintendo	30.26
7	New Super Mario Bros.	DS	2006	Nintendo	30.01
8	Wii Play	Wii	2006	Nintendo	29.01
9	New Super Mario Bros....	Wii	2009	Nintendo	28.61
10	Duck Hunt	NES	1984	Nintendo	28.31
11	Nintendogs	DS	2005	Nintendo	24.75
12	Mario Kart DS	DS	2005	Nintendo	23.43
13	Pokemon Gold/Pokem...	GB	1999	Nintendo	23.09
14	Wii Fit	Wii	2007	Nintendo	22.72

Q3 ANS

	north_america_sales numeric
1	4335.07

Q4 ANS

	game_name character varying (200)	platform_name character varying (200)	release_year integer	publisher_name character varying (200)	global_sales numeric
1	007: Quantum of Solace	DS	2008	Activision	0.13
2	007: Quantum of Solace	PC	2008	Activision	0.02
3	007: Quantum of Solace	PS2	2008	Activision	0.43
4	007: Quantum of Solace	PS3	2008	Activision	1.17
5	007: Quantum of Solace	Wii	2008	Activision	0.67
6	007: Quantum of Solace	X360	2008	Activision	1.49
7	10 Minute Solution	Wii	2010	Activision	0.08
8	2-in-1 Game Pack: Spid...	GBA	2005	Activision	0.08
9	A Bugs Life	N64	1998	Activision	0.63
10	A Collection of Activisi...	PS	1998	Activision	1.37
11	A Collection of Classic ...	PS	1999	Activision	0.31
12	Activision Anthology	GBA	2003	Activision	0.04
13	Activision Anthology	PS2	2002	Activision	0.50
14	Activision Hits: Remixed	PSP	2006	Activision	0.05

Q5 ANS

	game_name character varying (200)	platform_name character varying (200)	release_year integer	publisher_name character varying (200)	global_sales numeric
1	007: Quantum of Solace	Wii	2008	Activision	0.67
2	10 Minute Solution	Wii	2010	Activision	0.08
3	101-in-1 Party Megamix Wii	Wii	2009	Nordcurrent	0.22
4	101-in-1 Sports Party Megamix	Wii	2010	Nordcurrent	0.02
5	2010 FIFA World Cup South Africa	Wii	2010	Electronic Arts	0.43
6	428: Fuusa Sareta Shibuya de	Wii	2008	Sega	0.13
7	A Boy and His Blob	Wii	2009	Majesco Entertainment	0.23
8	ABBA: You Can Dance	Wii	2011	Ubisoft	0.80
9	AC/DC LIVE: Rock Band Track Pack	Wii	2008	MTV Games	0.27
10	AMF Bowling Pinbusters!	Wii	2007	Bethesda Softworks	0.92
11	AMF Bowling World Lanes	Wii	2008	Bethesda Softworks	0.36
12	ATV Quad Kings	Wii	2009	Zoo Digital Publishing	0.22
13	Academy of Champions: Soccer	Wii	2009	Ubisoft	0.13
14	Active Life Explorer	Wii	2010	Namco Bandai Games	0.15

Q6 ANS

	north_america_avg numeric
1	0.2654666258420085

Q7 ANS

	game_name character varying (200)	platform_name character varying (200)	release_year integer	publisher_name character varying (200)	global_sales numeric
2	Grand Theft Auto: San ...	PS2	2004	Take-Two Interactive	10.57
3	Kinect Adventures!	X360	2010	Microsoft Game Studios	14.97
4	Mario Kart Wii	Wii	2008	Nintendo	28.73
5	New Super Mario Bros.	DS	2006	Nintendo	11.38
6	New Super Mario Bros....	Wii	2009	Nintendo	14.59
7	Nintendogs	DS	2005	Nintendo	11.00
8	Pokemon Red/Pokemo...	GB	1996	Nintendo	21.49
9	Super Mario Bros.	NES	1985	Nintendo	29.08
10	Super Mario Land	GB	1989	Nintendo	10.83
11	Super Mario World	SNES	1990	Nintendo	12.78
12	Tetris	GB	1989	Nintendo	23.20
13	Wii Play	Wii	2006	Nintendo	14.03
14	Wii Sports	Wii	2006	Nintendo	70.51
15	Wii Sports Resort	Wii	2009	Nintendo	26.76

- Code for the queries are in the queries.sql file